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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/678,963	10/03/2003	Arne Berg	WEAT/0459	7311

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EXAMINER

NEUDER, WILLIAM P

ART UNIT PAPER NUMBER

3672

DATE MAILED: 07/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/678,963	Applicant(s) BERG ET AL.	
	Examiner William P. Neuder	Art Unit 3672	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10/18/04 (preliminary amendment).
 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-57 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) ☒ Claim(s) 39-57 is/are allowed.
 6) ☒ Claim(s) 1,3,5,7-9,11,21,23,25,27-29 and 31 is/are rejected.
 7) ☒ Claim(s) 2,4,6,10,12-20,22,24,26,30 and 32-38 is/are objected to.
 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement..

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☐ All b) ☐ Some * c) ☐ None of:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>2/9/04</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Objections

Claims 8,28 and 46 are objected to because of the following informalities: These claims all contain "sensor system carriers to displacing the sensor system". "to displacing" should be --to displace--or --for displacing--. Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1,3,5,7-9,11,21,23,25,27-29 and 31 are rejected under 35 U.S.C. 102(b) as being anticipated by Coates et al.

Coates discloses an apparatus for acoustically coupling a sensor system to a well casing. A body 22 is attached or coupled to a wireline deployment member. Sensor 23 is positioned within the body. Biasing means 221 displace the sensor towards the casing. A releasing mechanism (see col. 4, lines 47-54) actuates or allows the biasing means 221 to displace the sensor. As to claims 3 and 21, the body is attached to the wireline and therefore an attachment mechanism must be present. As to claims 5 and 25, the sensor 23 is placed in an unnumbered carrier. The springs 221 bias the carrier. As to claims 7 and 27, since the sensor is encased within the carrier, first and second components of the carrier are defined on either side of the sensor. As

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to claims 8 and 28, the springs 221 bias each of the components. As to claims 9 and 29, the carrier components are on opposite ends of the sensor. As to claims 11 and 31, the biasing members are springs. As to claim 21, the anchoring section actuates the biasing members.

Claims 1,3,11, 21,23 and 31 are rejected under 35 U.S.C. 102(b) as being anticipated by Blacklaw GB 2311796.

Blacklaw discloses an apparatus for coupling a sensor system to a wellbore casing. Body 4 is coupled to deployment means 2. A sensor 1 is positioned within the body. Biasing means 6 biases the sensor towards the casing. A release mechanism (hydraulic delay, see page 8, lines 1-4) actuates the biasing means. As to claims 3 and 23, means 5 couple the body to the deployment means. As to claims 11 and 31, the biasing means are springs. As to claim 21, the hydraulic delay is the means for actuating the biasing means.

Allowable Subject Matter

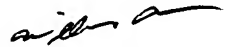
Claims 2,4,6,10,12-20,22,24,26,30 and 32-38 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 39-57 are allowed.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to William P. Neuder whose telephone number is 571-272-7032. The examiner can normally be reached on Tuesday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David J. Bagnell can be reached on 571-272-6999. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


William P Neuder
Primary Examiner
Art Unit 3672

W.P.N.